C 1>002 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Examining Group 1645 Docket No. USF-104XC1 Serial No. 10/083,781

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below:

October 11.

Glenn P. Ladwig, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Examiner

(Not yet assigned)

Art Unit

1645

Applicants

Michael J. Zaworotko, Brian Moulton

Serial No.

10/083,781

Filed

February 25, 2002

Confirm. No.:

5476

For

Nanoscale Faceted Polyhedra

Assistant Commissioner for Patents Washington, D.C. 20231

> SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <u>UNDER 37 CFR §§ 1.97 AND 1.98</u>

Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the examiner for consideration in connection with the examination of the above-referenced patent application. Copies of the cited references are enclosed.

Please note that the following reference is in a foreign language:

1) Holleman, A.F. et al. "Lehrbuch der Anorganischen Chemie 101. Auglage"

This reference was cited in a corresponding foreign patent application. Enclosed is a copy of the International Search Report. The applicants are in the process of obtaining an English translation of this document and will forward a copy of the English translation once it is received.

The undersigned hereby certifies that each item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

The applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,

Sleven P. Vadur'a Glenn P. Ladwig Patent Attorney

Registration No. 46,853

Phone No.: 352-375-8100 Fax No.: 352-372-5800

Address: 2421 N.W. 41st Street, Suite A-1

Gainesville, FL 32606-6669

GPL/mv

Attachments: Form PTO/SB/08;

Copies of cited references

Copy of International Search Report

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE

(use as many sheets as necessary)

of

BSTATEMENT BY APPLICANT

	Complete if Known	2
Application Number	10/083,781	でつ
Filing Date	February 25, 2002	100
First Named Inventor	Michael J. Zaworotk	C7 3
Group Art Unit	1645	722
Examiner Name	10	~ <u< td=""></u<>
Attorney Docket Numb	per USF-104XC1	12,

				U.S. PATENT DOCUMEN	TS	0
Examiner Initials*	Cite No. ¹	U.S. Patent I Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	5,648,508		Yaghi	07-15-1997	All
	U2	4,880,761		Bedard <i>et al.</i>	08-14-1989	All
	U3	4,500,651		Lok <i>et al.</i>	02-19-1985	All
	U4	4,454,153		Lowicki <i>et al.</i>	06-12-1984	All
-	U5	4,440,871		Lok <i>et al</i> .	04-03-1984	All
	U6	4,310,440		Wilson et al.	01-12-1982	All
	U7					
	U8					
	U9					
	U10					
	U11					
	U12					
	U13					
	U14					
	U15					
	U16					
	U17					

				· ·	FOF	REIGN	PATENT DOCMENT			
Examiner	Cite		Foreign Patent Document		Name of Patentee or Applicant of	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant			
Initials*	No. 1	Of	ffice ³	Number ⁴	Kind Code ⁵ Number ⁴ (if known)	Cited Document	MM-DD-YYYY	Passages or Relevant Figures Appear	Τ ⁶	
	F1	WO		99/05151		A1	Kepert <i>et al</i> .	02-04-1999	All	
	F2									
	F3									
	F4									
	F5									
	F6									
	F7									
	F8									
	F9									
	F10								·	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Approved for use through 10/31/2002. OMB 0651-0031 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

ubstitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

2

Complete if Known **Application Number** 10/083, Filing Date **First Named Inventor Group Art Unit** 1645 **Examiner Name**

Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		BOURNE, S.A. et al. "1-D coordination polymers containing benzenedicarboxylate" Crystal Engineering, 2001, 4:25-36.	Ī
	R1		ı
	!	CHUI, S. et al. "A Chemically Functionalizable Nanoporous Material [Cu ₃ (TMA) ₂ (H ₂ O) ₃]," Science, February 19, 1999, 283:1148-1150.	Ī
	R2	VACUE ON A LUIS ALIGNATURE OF THE STATE OF T	L
	R3	YAGHI, O.M. et al. "Crystal Growth of Extended Solids by Nonaqueous Gel Diffusion" Chem. Mater., 1997, 1074-1076.	
	- 1,0	BOURNE, S.A. et al. "Coexisting covalent and noncovalent nets: parallel interpenetration of a puckered	t
	R4	rectangular coordination polymer and aromatic noncovalent nets" Chem. Commun., 2001, 9:861-862.	١
		WU, C-D. et al. "Hydrothermal synthesis of two new zinc coordination polymers with mixed ligands" <i>Inorganic Chemistry Communications</i> , 2001, 4:561-564.	Ī
	R5		L
	R6	SHI, Q. et al. "Solvothermal syntheses and crystal structures of two metal coordination polymers with double-chain structures" <i>Polyhedron</i> , 2001, 20:3287-3293.	
	KO	PLATER, M.J. et al. "Synthesis and characterization of polymeric manganese and zinc 5-hydroxyisophthalates"	L
	R7	Polyhedron, 2001, 20:2293-2303.	l
	R8	OSHIO, H. and H. ICHIDA "Control of Intramolecular Magnetic Interaction by the Spin Polarization of d _π Spin to p _π Orbital of an Organic Bridging Ligand" <i>J. Phys. Chem.</i> , 1995, 99:3294-3302.	
		HOLLEMAN, A.F. et al. "Lehrbuch der Anorganischen Chemie 101. Auflage"	H
	R9		ŀ
		KEPERT, C.J. and M.J. ROSSEINSKY "A porous chiral framework of coordinated 1,3,5-benzenetricarboxylate:	۲
	R10	quadruple interpenetration of the (10,3)-a network" Chem. Commun., 1998, 1:31-32.	
	R11	YAGHI, O.M. et al. "Construction of Porous Solids from Hydrogen-Bonded Metal Complexes of 1,3,5-Benzenetricarboxylic Acid" J. Am. Chem. Soc., 1996, 118:9096-9101.	
	R12	YAGHI, O.M. et al. "Selective binding and removal of guests in a microporous metal-organic framework" Nature, December 14, 1995, 378:703-706.	
	ΠIZ		_
	R13		

Examiner	Date
Signature	Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.